

SEQUENCE LISTING

<110> Smith, Theresa H.  
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<223> STRANDEDNESS: single  
TOPOLOGY: both

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Ser Asp Trp Pro Phe Cys Ser Asp Glu Asp Trp Asn Tyr Lys Cys  
35 40 45  
  
Pro Ser Gly Cys Arg Met Lys Gly Leu Ile Asp Glu Val Asn Gln  
50 55 60  
  
Asp Phe Thr Asn Arg Ile Asn Lys Leu Lys Asn Ser Leu Phe Glu  
65 70 75  
  
Tyr Gln Lys Asn Asn Lys Asp Ser His Ser Leu Thr Thr Asn Ile  
80 85 90  
  
Met Glu Ile Leu Arg Gly Asp Phe Ser Ser Ala Asn Asn Arg Asp  
95 100 105  
  
Asn Thr Tyr Asn Arg Val Ser Glu Asp Leu Arg Ser Arg Ile Glu  
110 115 120  
  
Val Leu Lys Arg Lys Val Ile Glu Lys Val Gln His Ile Gln Leu  
125 130 135  
  
Leu Gln Lys Asn Val Arg Ala Gln Leu Val Asp Met Lys Arg Leu  
140 145 150  
  
Glu Val Asp Ile Asp Ile Lys Ile Arg Ser Cys Arg Gly Ser Cys  
155 160 165  
  
Ser Arg Ala Leu Ala Arg Glu Val Asp Leu Lys Asp Tyr Glu Asp  
170 175 180  
  
Gln Gln Lys Gln Leu Glu Gln Val Ile Ala Lys Asp Leu Leu Pro  
185 190 195

Ser Arg Asp Arg Gln His Leu Pro Leu Ile Lys Met Lys Pro Val  
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215 220 225

Pro Pro Glu Trp Lys Ala Leu Thr Asp Met Pro Gln Met Arg Met  
230 235 240

Glu Leu Glu Arg Pro Gly Gly Asn Glu Ile Thr Arg Gly Gly Ser  
245 250 255

Thr Ser Tyr Gly Thr Gly Ser Glu Thr Glu Ser Pro Arg Asn Pro  
260 265 270

Ser Ser Ala Gly Ser Trp Asn Ser Gly Ser Ser Gly Pro Gly Ser  
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Thr Gly Asn Arg Asn Pro Gly Ser Ser Gly Thr Gly Gly Thr Ala  
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Thr Trp Lys Pro Gly Ser Ser Gly Pro Gly Ser Thr Gly Ser Trp  
305 310 315

Asn Ser Gly Ser Ser Gly Thr Gly Ser Thr Gly Asn Gln Asn Pro  
320 325 330

Gly Ser Pro Arg Pro Gly Ser Thr Gly Thr Trp Asn Pro Gly Ser  
335 340 345

Ser Glu Arg Gly Ser Ala Gly His Trp Thr Ser Glu Ser Ser Val  
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Ser Gly Ser Thr Gly Gln Trp His Ser Glu Ser Gly Ser Phe Arg  
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Pro Asp Ser Pro Gly Ser Gly Asn Ala Arg Pro Asn Asn Pro Asp  
380 385 390

Trp Gly Thr Phe Glu Glu Val Ser Gly Asn Val Ser Pro Gly Thr  
395 400 405

Arg Arg Glu Tyr His Thr Glu Lys Leu Val Thr Ser Lys Gly Asp  
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Lys Glu Leu Arg Thr Gly Lys Glu Lys Val Thr Ser Gly Ser Thr  
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Thr Thr Thr Arg Arg Ser Cys Ser Lys Thr Val Thr Lys Thr Val  
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Ile Gly Pro Asp Gly His Lys Glu Val Thr Lys Glu Val Val Thr  
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Ser Glu Asp Gly Ser Asp Cys Pro Glu Ala Met Asp Leu Gly Thr  
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Leu Ser Gly Ile Gly Thr Leu Asp Gly Phe Arg His Arg His Pro  
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Pro Gly Phe Phe Ser Pro Met Leu Gly Glu Phe Val Ser Glu Thr  
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Lys Ser Ser Ser Tyr Ser Lys Gln Phe Thr Ser Ser Thr Ser Tyr  
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Asn Arg Gly Asp Ser Thr Phe Glu Ser Lys Ser Tyr Lys Met Ala  
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TOPOLOGY: linear  
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